**Creating a cut –away view of the ocean floor**

1. Fold a piece of 8x14 white paper in half both hamburger style and hot dog style.
2. Place your pencil about ¾ of the way up on the left handed side of the paper
3. Draw a horizontal line beginning at this point. Slope your line down slightly. (you should stop about ¼ the way in) This will serve as your shoreline and continental shelf (where the ocean floor is closest to the shoreline)

1. After drawing your shelf, sharply dip your pencil down so the resulting line is practically vertical. This line will represent an ocean slope.

1. Then, as your slope line dips halfway below the center crease flatten your line out horizontally to form a level ocean plain (the widest, flattest, part of the ocean floor)

1. Continue the plain line for two to three inches across, then angle your pencil up sharply to draw a steep, craggy mountain peak called a mid ocean ridge.

1. Draw the mid ocean ridge so it peaks above the plain line and below the continental shelf. Then pull your pencil line down at a sharp angle to form the other steep side of the mountain.

1. At the foot of the mountain draw a sharp, narrow valley, called an ocean trench

1. Finish the ocean floor by moving your line up to create another slope on the other side of the trench.

1. Use a blue marker to draw the waterline from shore to shore. (Your mid ocean ridge should not extend above your water line.

1. Label the parts of the ocean floor (continental shelf, slope, abyssal plain, mid ocean ridge, and trench. Outline everything in black. Either a marker or colored pencil so that it stands out. You will be adding more items to the picture so do not color it in yet.